

## Gravatt, Dan

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**From:** Muenks, Shawn <shawn.muenks@dnr.mo.gov>  
**Sent:** Tuesday, September 17, 2013 2:11 PM  
**To:** Gravatt, Dan  
**Subject:** RE: Bridgeton - Draft GCPT approval recommendation letter

Dan,

Thanks for the quick feedback. Just so you know, we added to Condition #8 requesting that they include PVC-36 to their correlation sampling as a location which would represent RIM limit. PVC-36 had a gamma response of 15000 cpm at 8 ft depth. This gives them a three point "calibration" over a range of three gamma responses with an order of magnitude between each (PVC-38 = 1298000 and PVC-28 = 132000). We also incorporated your other comments.

Thanks again,

Shawn Muenks, P.E.  
Missouri Department of Natural Resources  
P.O. Box 176, Jefferson City, MO 65102  
Ph: (573)751-3107  
Email: [shawn.muenks@dnr.mo.gov](mailto:shawn.muenks@dnr.mo.gov)

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**From:** Gravatt, Dan [<mailto:Gravatt.Dan@epa.gov>]  
**Sent:** Tuesday, September 17, 2013 1:39 PM  
**To:** Muenks, Shawn  
**Subject:** RE: Bridgeton - Draft GCPT approval recommendation letter

Shawn, in your condition #5, you reference **condition** #25 in the last sentence. I think this should reference **comment** 25. In your condition #8, recommend you define what you mean by RIM limit, maybe giving a numerical value for clarity. In your condition #9, recommend replacing "shall" with "should" so as not to complicate the handoff of lead agency roles for this work; "shall" makes it sound like a requirement from your AG's Order. Those are the only things I saw that I thought worthy of feedback. Thanks for the preview.

Sincerely,  
Daniel R. Gravatt, PG  
US EPA Region 7 SUPR/MOKS  
11201 Renner Boulevard, Lenexa, KS 66219  
Phone (913)-551-7324

Principles and integrity are expensive, but they are among the very few things worth having.

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**From:** Muenks, Shawn [<mailto:shawn.muenks@dnr.mo.gov>]  
**Sent:** Tuesday, September 17, 2013 1:16 PM  
**To:** Gravatt, Dan  
**Subject:** Bridgeton - Draft GCPT approval recommendation letter

Dan,

Attached is a draft letter for your review. We will be finalizing this letter by the end of the day, so if you have any feedback please notify me as soon as possible.

Thanks,



Shawn Muenks, P.E.  
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